

5190675



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D205-706-013**Job Sheet 196551****Part No:** D205-706-013**Job Qty:** 1 pcs**Part Name:** Fuel Purge Canister**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 6/14/19**Job Tracking No:****Due Date:** 6/28/19**Created By:** Jennifer Renwick**Type:** Return**Description:** RA615

Note: DWG REV B SHEETS 19-20 IPP Rev:E 04.12.03 Remove AN6289-6D; Change Qty of AN924-6D KJ/JLM IPP
Rev:F 10.05.10 as per chg002 DD verified :EC IPP Rev:G 12.12.07 as per IIN revB DD verified by:JLM

Ship Via:**Bill of Materials**



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S190675



Part: D205-706-013

Job No: 196551

Serial No/Batch: S149712

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH04-54 Issue 1 of 1
Date: 11/11/11
FAA STC SR020551

Job Routing							
Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier
						Workcenter / Supplier	Lead Time
						Sign-off	
125	Rework - 1 - Startup Returns	1 pcs	6/28/19	6/28/19	0.00	0.00	QC 6 - 40 - S
							QC 6 - 61 - S
							QC 6 - 68 - S
							QC 6 - 9 - S
130	Packaging 3-1 - Stock - B4B	1 pcs	6/28/19	6/28/19	0.00	0.00	Packaging 3 - 1 - B4B
							Packaging 3 - 2 - B4B
							Packaging 3 - 3 - B4B
							Packaging 3 - 4 - B4B
							Packaging 3 - 5 - B4B
							Packaging 3 - 6 - B4B
							Packaging 3 - 7 - B4B
							Packaging 3 - 8 - B4B
							Packaging 3 - 9 - B4B
							Packaging 3 - 10 - B4B
							Packaging 3 - 11 - B4B
							Packaging 3 - 12 - B4B
							Packaging 3 - 13 - B4B
							Packaging 3 - 14 - B4B
							Packaging 3 - 15 - B4B
							Packaging 3 - 16 - B4B
							Packaging 3 - 17 - B4B
							Packaging 3 - 18 - B4B
							Packaging 3 - 19 - B4B
							Packaging 3 - 20 - B4B
							Packaging 3 - 21 - B4B
							Packaging 3 - 22 - B4B
							Packaging 3 - 23 - B4B
							Packaging 3 - 24 - B4B
							Packaging 3 - 25 - B4B
							Packaging 3 - 26 - B4B
							Packaging 3 - 27 - B4B
							Packaging 3 - 28 - B4B
							Packaging 3 - 29 - B4B
							Packaging 3 - 30 - B4B
							Packaging 3 - 31 - B4B
							Packaging 3 - 32 - B4B
							Packaging 3 - 33 - B4B
							Packaging 3 - 34 - B4B
							Packaging 3 - 35 - B4B
							Packaging 3 - 36 - B4B
135	DC - 1 - B4B	1 pcs	6/28/19	6/28/19	0.00	0.00	DC - 1 - B4B
							DC - 2 - B4B
140	QC 21 - FG	1 pcs	6/28/19	6/28/19	0.00	0.00	QC 21 - FG - 21
							QC 21 - FG - 70
							QC 21 - SA - 53
Part Op 130 - (Identify as per dwg & Stock Location: <u>FG018</u>) Identify and pack for shipping as per PPPD205-706-013 Location : Descriptions: FG018 135 - Photocopy bluefile and create labels per PPP D205-706-013 CHG003 140 - (QC21- Final Inspection - Work Order Release)							
Job BOM							
Part / Item	Component Name	Quantity	Operation	Container			
D205-706-013	Fuel Purge Canister	1 pcs (1 ea)	125-Rework - 1 - Startup Returns	<u>5162406</u>			
Job Allocations							
Operation	Component Part	Required	Inventory	Allocated			
125-Rework - 1 - Startup Returns	D205-706-013	1	0	0			
Part Specifications							
Specifications could not be found.							

Inspection Sheet Complete RA615

Customer QA Ref #

0

Part Number	Original Batch / Serial # / Ctrl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order instructions
D205-706-013	S149712		1	☒ Yes	☒ Yes	☒ Yes	☒ Yes	STOCK		S162906	196551	Kit complete with no damage but open by customer. Repackage as per PPP. Stock with new batch number at CHG 003. Add new labels and paper work.
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

QC Approval: AT _____

Date: 30-Apr-19 _____

Special Return/Rework Instructions:

RETURN AUTHORIZATION



RA #:

RA615

Date:

February 28, 2019

Attention:

Bret Krauss

E-mail:

bret@mustanghelicopters.com

From:

Jennifer Renwick

RETURN ADDRESS

☒ Hawkesbury

Dart Aerospact Ltd

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7, CA

1-613-632-3336

☐ Vista

Dart Aerospace Ltd.

3030 Enterprise Court, Suite A

Vista, CA 92081-8347, US

1-760-724-5300

☐ Broussard

Dart Aerospace Ltd.

105 Dairy Lane

Broussard, LA 70518, US

1-337-839-0500

SHIPPING

Courier: Customers Choice

Account #: Customers Account

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	D205-706-013	P/N:	0
Special Return/Rework Instructions:	Fuel Purge Canister	Description:	0
Qty:	1	Qty:	0
Flown:	N/A	Flown:	0
Customs Value USD:	\$5,188	Customs Value USD:	\$0
Batch / Serial #	S149712	Batch / Serial #	0
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:

H:\Forms\Quality Assurance\approved QA Online\RA revK



237-27312 Township Road 394
Blackfalds, AB T0M 0J0
Canada
Phone: 403-885-5220
Fax: 403-885-5240
www.mustanghelicopters.com
AMO: 62-02

RETURN FOR CREDIT #1496

Date	Feb 27, 2019
Created By	bkrauss
Type	RETURN FOR CREDIT
Currency	USD

Page 1 / 1

RETURN FOR CREDIT #1496

To DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY ON K6A-1K7 CANADA Tel: (800) 556-4166, Fax: 613-632-4443 Email: ccrooks@dartaero.com	Order from BlackFalds MUSTANG HELICOPTERS INC. 237-27312 TOWNSHIP ROAD #394 BLACKFALDS, AB T0M 0J0 Tel: 403-885-5220, Fax: 403-885-5240
Ship to MUSTANG HELICOPTERS INC. 237-27312 TOWNSHIP ROAD #394 BLACKFALDS, AB T0M 0J0 Tel: 403-885-5220, Fax: 403-885-5240	Bill to MUSTANG HELICOPTERS INC. BILLING RR #1, SITE #1, COMP #4 BLACKFALDS, AB T0M 0J0 Tel: 403-885-5220, Fax: 403-885-5240

**** Work to be accomplished at this time ****

Please, perform RETURN FOR CREDIT

Parts description

Part Number	Description	Tracking #	Ser/Batch #	TTSN	TTSO	Reg	Est. Cost
D205-706-013	FUEL PURGE KIT	35326				C-GCHT	\$0.00
C.C	Defect	WRONG PART ORDERED BEING RETURNED FOR CREDIT					

RA# 615

Bret Krauss
Signature

Feb 27, 2019
Date



#237 - 27312
TOWNSHIP RD 39
ASPELUND INDUSTRIAL PARK
BLACKFALDS AB
TOM OJO
TEL: 403-885-5220 FAX: 403-885-5240

parts@mustanghelicopters.com

PACKING SLIP

9129

SHIPPED FROM:

PHONE

FAX

SHIPPED DATE

SALESMAN

CONTRACT #

6 mar 2019

SHIP TO:

Dart Aerospace LTD

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7

QTY.	PART NUMBER	SERIAL NUMBER	DESCRIPTION
1	D205-706-013	8149712	Fuel Purge Kit.
			Return # 1496
			RA# 615
			SHIP VIA 000MLS
			WAYBILL # NET57335178

1. Order is to be entered in accordance with prices, delivery and specifications shown.
2. Please notify us immediately if you do not receive shipment as specified.

Comments:

SHIPPER'S NAME

DART AEROSPACE LTD.
1270 Aberdeen Street
Hawkesbury, ON, K6A 1K7
CANADA

Tel: 1 613 632 5200
Fax: 1 613 632 5246

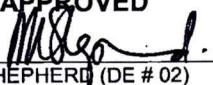
E-mail: heli@dartaero.com
<http://www.dartaero.com>

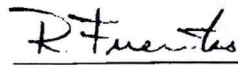
INSTALLATION INSTRUCTIONS

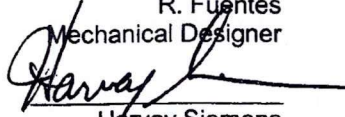
IIN-D412-706

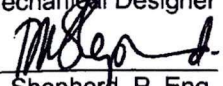
Fuel Purge Canister Installation

BELL 204/205/212/214/412 MODELS

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	2012-11-12
CERT. NO.:	SH04-54
ISSUE NO.:	#1

Prepared By: 
R. Fuentes
Mechanical Designer

Checked By: 
Harvey Siemens
Mechanical Designer

Released By: 
D. Shepherd, P. Eng.
DE #02

• COPYRIGHT © 2004 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**
Date: 12.11.06

REVISION RECORD

Revision	Issue Date	Description
A	04.11.30	New Issue
B	12.11.06	Revise Sections 1 and 3.2. Revise Part List Incorporated DSI 9494

1. INTRODUCTION

The purpose of the Fuel Purge Canister installations is to collect fuel that is purged on shutdown and false starts instead of allowing it to drain into the environment as it does without this modification. All three kits use the same canister and mounting system, but differ in the lines that connect the existing fuel drain lines on the engine to the canister. The installation instructions allow for some flexibility in the installation of the kit in order to maintain compatibility with previous modifications in the aircraft. The D412-706-011 kit will be applicable to the Bell 212 (all serial numbers) and 412 (S/N 33001-33107 only) models. The D205-706-013 kit will be applicable to the Bell 205/214 models and Bell 212 modified per SH07-28. The D204-706-015 kit will be applicable to the Bell 204 models.

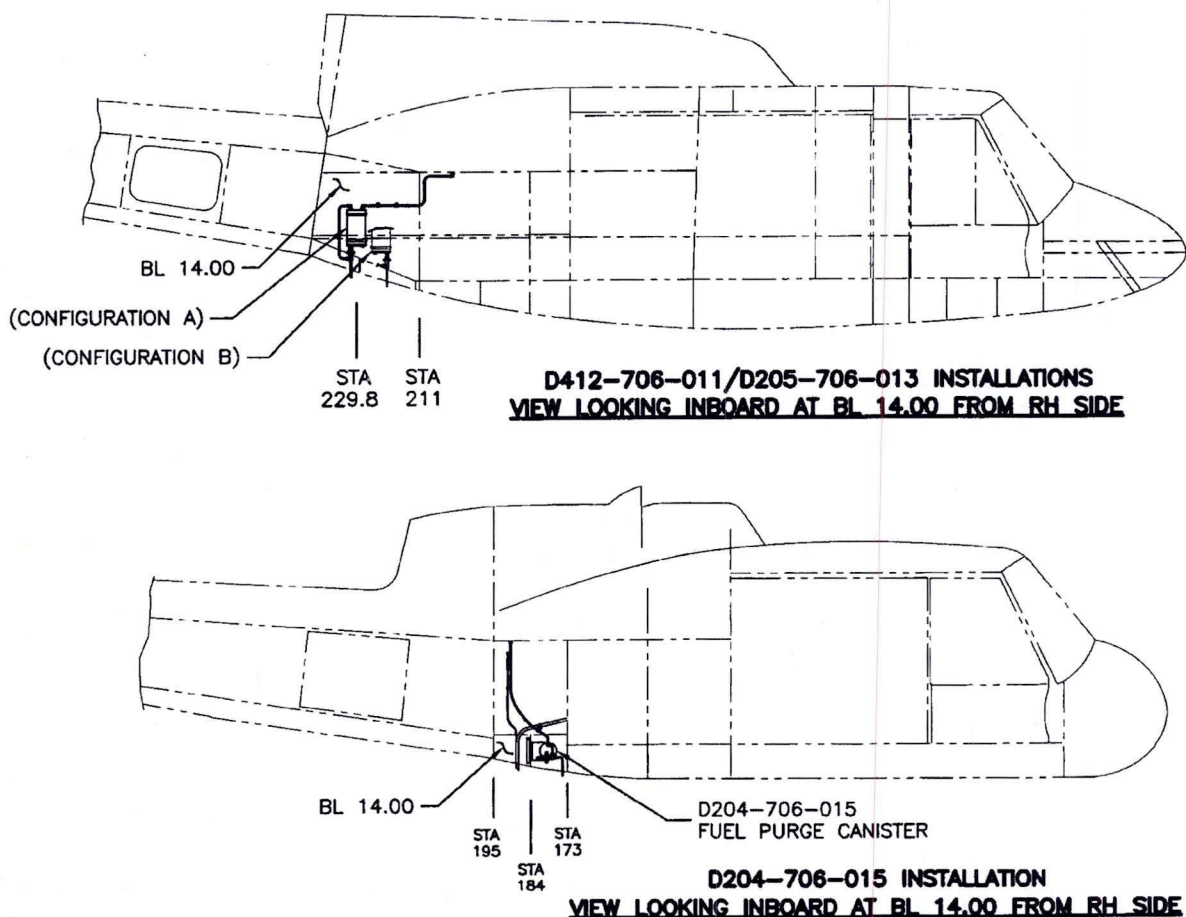


Figure 1: Dart Fuel Purge Canister Installations

2. GENERAL NOTES

COMPATIBILITY

Compatibility of this installation with the aircraft is the **responsibility of the installer**. Ensure that this installation does not conflict with a previous modification.

CONTINUING AIRWORTHINESS

These installations should be maintained in accordance with the Instructions for Continued Airworthiness ICA-D412-706. Refer to the Aircraft Maintenance Manual for standard shop practices not referred to in these Installation Instructions.

3. INSTALLATION PROCEDURE

3.1. General Notes

- 3.1.1 Remove all burrs and sharp edges.
- 3.1.2 Install rivets in accordance with AC43-13-1B Chapter 4 Section 4.
- 3.1.3 Chemical Conversion Coat, Prime, and Paint all bare aluminum surfaces in accordance with the Aircraft Maintenance Manual.
- 3.1.4 Minimum edge distance on installed rivets not to be less than 2D.
- 3.1.5 Radius all corners minimum 0.25" (6.4 mm) unless otherwise specified.
- 3.1.6 Seal all faying surfaces with MIL-S-8802 sealant.
- 3.1.7 Ensure all threaded fasteners have sufficient threads in safety per AC43-13-1B Chapter 7 Section 3.
- 3.1.8 Install/assemble canister lines per AC43-13-1B Chapter 9 Section 2 and Chapter 8 Section 2.
- 3.1.9 The installer should inspect the compartment that the Fuel Purge Canister will be installed in for avionics equipment. If avionics equipment is present, it must be moved to a separate compartment from the Dart Fuel Purge Canister. The installer must also inspect for terminal connections located in the same compartment as the canister and insulate them from sparking with PRC.
- 3.1.10 It is acceptable to remove/add washers to ensure 1.5-4 threads in safety on all fasteners.
- 3.1.11 It is acceptable to hand form lines for better fit. Ensure minimum radius bend is preserved.

3.2. D412-706-011 Installation

3.2.1 Remove existing drain line P/N 212-060-630-001, AN937-6D fitting, and cross over line P/N 212-060-629-001. Install AN938-6D Tee in place of the existing cross fitting. Install existing unions into AN938-6D Tee using 3 x new MS29512-06 O-Rings. Rework STA 211 wall as shown in Figure 7 by drilling a $\varnothing 0.75$ " (19.1 mm) hole through the honeycomb panel, and installing 2 x D3329-1 bushings with PRC or Proseal 890 or Hysol EA934NA/EA9309NA. Install D3299-5 fitting per Figure 7. Install D3298-005 and D3298-007 tube assemblies as shown in Figure 5. Ensure the chosen compartment is in compliance with section 3.1.9.

3.2.2 Refer to Figures 2 to 6 and determine whether Configuration A or B is better suited for the aircraft that the kit is being installed on. Continue with either section 3.2.3 or section 3.2.4.

3.2.3 Configuration A

- a) Install D3302-1 Doubler in accordance with Figures 5 and 6. Parts installed in the same location as the doubler must be temporarily removed and re-installed through the doubler.
- b) Assemble canister as shown in Figure 10 considering the orientation of parts as shown in Figures 2 and 5. Locate canister assembly on BL 14.00 wall. Ensure there is adequate clearance between the valve and the belly skin. Ensure there is a downhill run from AN834-6D tee fitting at STA 211 wall to the top of the canister. Re-position D3264-1 Brackets on Canister as required. Transfer $\varnothing 0.191$ (4.9 mm) holes from the D3264-1 brackets to BL 14.00 wall and D3302-1 Doubler and install using AN3-5A Bolts. The D3264-1 brackets must be a minimum of 6.0" (152.4 mm) apart. Mount canister in place using (2) MS21920-42 Clamps.
- c) Connect D3297-3-0210 Hose Assembly between AN834-6D tee fitting at STA 211 wall and Canister. Support D3297-3-0210 Hose Assembly using MS21919WDG9 clamps as shown in Figure 5. Pick up on existing inserts. If there are no inserts available, drill $\varnothing 0.191$ (4.9 mm) holes in the nearby angle at BL 14.00 as shown in Figure 5 and install using MS27039-1 screws and MS21042L3 nuts.
- d) Locate hole in belly skin for D4054-009 drain line to pass through. Drill to $\varnothing 0.813$ (20.6 mm) and install MS35489-16 grommet as shown in Figure 2. Install D4054-009 drain line on to canister and trim to 1.0" (25.4 mm) max. below the surface of the belly.

3.2.4 Configuration B

- a) Install D3302-3 Doubler in accordance with Figures 5 and 6. Parts installed in the same location as the doubler must be temporarily removed and re-installed through the doubler. Locate and drill $\varnothing 0.562$ (14.3 mm) Hole for AN833-6D elbow in BL 14.00 wall as per Figure 6. Install AN833-6D elbow.
- b) Assemble canister as shown in Figure 10 considering the orientation of parts as shown in Figures 3 and 5. Locate canister assembly on BL 14.00 wall. Ensure there is adequate clearance between the valve and the belly skin. Ensure there is a downhill run from AN833-6D elbow to the top of the canister. Re-position D3264-1 Brackets on Canister as required. Transfer $\varnothing 0.191$ (4.9 mm) holes from the D3264-1 brackets to BL 14.00 wall and D3302-3 Doubler and install using AN3-5A Bolts. The D3264-1 brackets must be a minimum of 6.0" (152.4 mm) apart. Mount canister in place using (2) MS21920-42 Clamps.
- c) Install D3297-1-0098 and D3297-3-0085 Hose Assemblies as shown in Figure 5.
- d) Locate hole in belly skin for D4054-009 drain line to pass through. Drill to $\varnothing 0.813$ (20.6 mm) and install MS35489-16 grommet as shown in Figure 3. Install D4054-009 drain line on to canister and trim to 1.0" (25.4 mm) max. below the surface of the belly.

- 3.2.5 Install D3301-3 Placard on D3262-041 canister in a visible location. Install D3301-1 Pl Baggage Compartment Door that will be used to access the canister valve for draining
- 3.2.6 Pressure test the installation by disconnecting the line to the engine deck, blanking it off, and injecting air into the drain line through the belly to 1.0-1.5 psi. Check for leaks with soapy water. Reconnect line to engine deck.

3.3. D205-706-013 Installation

- 3.3.1. Remove existing purge drain line P/N 205-062-625-001 below engine deck.
- 3.3.2. Install D3297-3-0350 Hose Assembly and clamp in place using MS21919 clamps in accordance with Figure 4.
- 3.3.3. Refer to Figures 2 to 6 and determine whether Configuration A or B is better suited for the aircraft that the kit is being installed on. Continue with either section 3.3.4 or section 3.3.5. Ensure the chosen compartment is in compliance with section 3.1.9.

3.3.4 Configuration A

- a) Install D3302-1 Doubler in accordance with Figures 4 and 6. Parts installed in the same location as the doubler must be temporarily removed and re-installed through the doubler.
- b) Assemble canister as shown in Figure 11 considering the orientation of parts as shown in Figures 2 and 4. Locate canister assembly on BL 14.00 wall. Ensure there is adequate clearance between the valve and the belly skin. Ensure there is a downhill run from D3297-3-0350 Hose Assembly to the top of the canister. Re-position D3264-1 Brackets on Canister as required. Transfer $\varnothing 0.191$ (4.9 mm) holes from the D3264-1 brackets to BL 14.00 wall and D3302-1 Doubler and install using AN3-5A Bolts. The D3264-1 brackets must be a minimum of 6.0" (152.4 mm) apart. Mount canister in place using (2) MS21920-42 Clamps.
- c) Connect D3297-1-0130 Hose Assembly to D3297-3-0350 Hose Assembly using AN815-6D Union. Connect other end of D3297-1-0130 Hose Assembly to Canister. Support D3297-1-0130 hose using MS21919WDG9 clamps as shown in Figures 2 and 4. Pick up on existing inserts. If there are no inserts available, drill $\varnothing 0.191$ (4.9 mm) holes in the nearby angle at BL 14.00 as shown in Figure 5 and install using MS27039-1 screws and MS21042L3 nuts.
- d) Locate hole in belly skin for D3298-009 drain line to pass through. Drill to $\varnothing 0.625$ (15.9 mm) and install MS35489-11 grommet as shown in Figure 2. Install D3298-009 drain line on to canister and trim to 1.0" (25.4 mm) max. below the surface of the belly.

3.3.5 Configuration B

- a) Install D3302-3 Doubler in accordance with Figures 4 and 6. Parts installed in the same location as the doubler must be temporarily removed and re-installed through the doubler. Locate and drill $\varnothing 0.562$ (14.3 mm) hole for AN833-6D elbow in BL 14.00 wall as per Figure 6. Install AN833-6D elbow.
- b) Assemble canister as shown in Figure 11 considering the orientation of parts as shown in Figures 3 and 4. Locate canister assembly on BL 14.00 wall. Ensure there is adequate clearance between the valve and the belly skin. Ensure there is a downhill run from AN833-6D elbow to the top of the canister. Re-position D3264-1 Brackets on Canister as required. Transfer $\varnothing 0.191$ (4.9 mm) holes from the D3264-1 brackets to BL 14.00 wall and D3302-3 Doubler and install using AN3-5A Bolts. The D3264-1 brackets must be a minimum of 6.0" (152.4 mm) apart. Mount canister in place using (2) MS21920-42 Clamps.

- c) Connect D3297-3-0350 Hose Assembly to AN833-6D elbow on inboard side of BL 14.00 wall. Connect D3297-1-0121 Hose Assembly to AN833-6D elbow and canister. Support D3297-1-0121 hose using MS21919WDG9 clamps as shown in Figures 3 and 4.
 - d) Locate hole in belly skin for D3298-009 drain line to pass through. Drill to $\varnothing 0.625$ (15.9 mm) and install MS35489-11 grommet as shown in Figure 3. Install D3298-009 drain line on to canister and trim to 1.0" (25.4 mm) max. below the surface of the belly.
- 3.3.6. Install D3301-3 Placard on D3262-041 canister in a visible location. Install D3301-1 Placard on Baggage Compartment Door that will be used to access the canister valve for draining.
- 3.3.7 Pressure test the installation by disconnecting the line to the engine deck, blanking it off, and injecting air into the drain line through the belly to 1.0-1.5 psi. Check for leaks with soapy water. Reconnect line to engine deck.
- 3.4. D204-706-015 Installation**
- 3.4.1 Remove aft cargo compartment floor (P/N 204-031-204-019).
- 3.4.2 Remove existing purge drain line (P/N 204-060-044-001).
- 3.4.3 Ensure compartment is in compliance with section 3.1.9.
- 3.4.4 Locate and install D3302-5 Doubler to STA 184.00 bulkhead. Parts installed in the same location as the doubler must be temporarily removed and re-installed through the doubler. Temporarily locate canister for steps 3.4.4 and 3.4.5 as shown in Figure 8 and 9.
- 3.4.5 Locate and install D2001-4 Valve assembly in BL 14.00 web using D2026-101 screws and secure with lock wire as shown in Figure 9.
- 3.4.6 Locate hole in belly skin for D3298-015 drain line to pass through. Drill to $\varnothing 0.625$ (15.9 mm) and install MS35489-11 grommet as shown in Figure 8 and 9.
- 3.4.7 Install D3262-041 Canister to STA 184.00 bulkhead as shown in Figure 8 and 9. Transfer $\varnothing 0.191$ (4.9 mm) holes from the D3264-1 brackets to STA 184.00 bulkhead and D3302-5 Doubler and install using AN3-5A Bolts. The D3264-1 brackets must be a minimum of 8.0" (203.2 mm) apart. Mount canister in place using (2) MS21920-42 Clamps.
- 3.4.8 Connect D3297-5-0410 line from Engine Deck fitting to Canister. Support D3297-5-0410 Hose Assembly using MS21919WDG Clamps as shown in Figure 8.
- 3.4.9 Connect D3298-013 Tube Assembly from D3262-041 Canister to D2001-4 valve. Connect D3298-011 Vent Line from Canister to tee fitting at valve. Install D3298-015 Drain Line from valve through hole in belly.
- 3.4.10 Install D3301-3 Placard on D3262-041 canister in a visible location.
- 3.4.11 Pressure test the installation by disconnecting the line to the engine deck, blanking it off, and injecting air into the drain line through the belly to 1.0-1.5 psi. Check for leaks with soapy water. Reconnect line to engine deck.
- 3.4.12 Re-install aft cargo compartment floor (P/N 204-031-204-019).

- 3.4.13 Install D3301-1 Placard on Cargo Compartment Door that will be used to access the canister valve for draining.

4. WEIGHT AND BALANCE

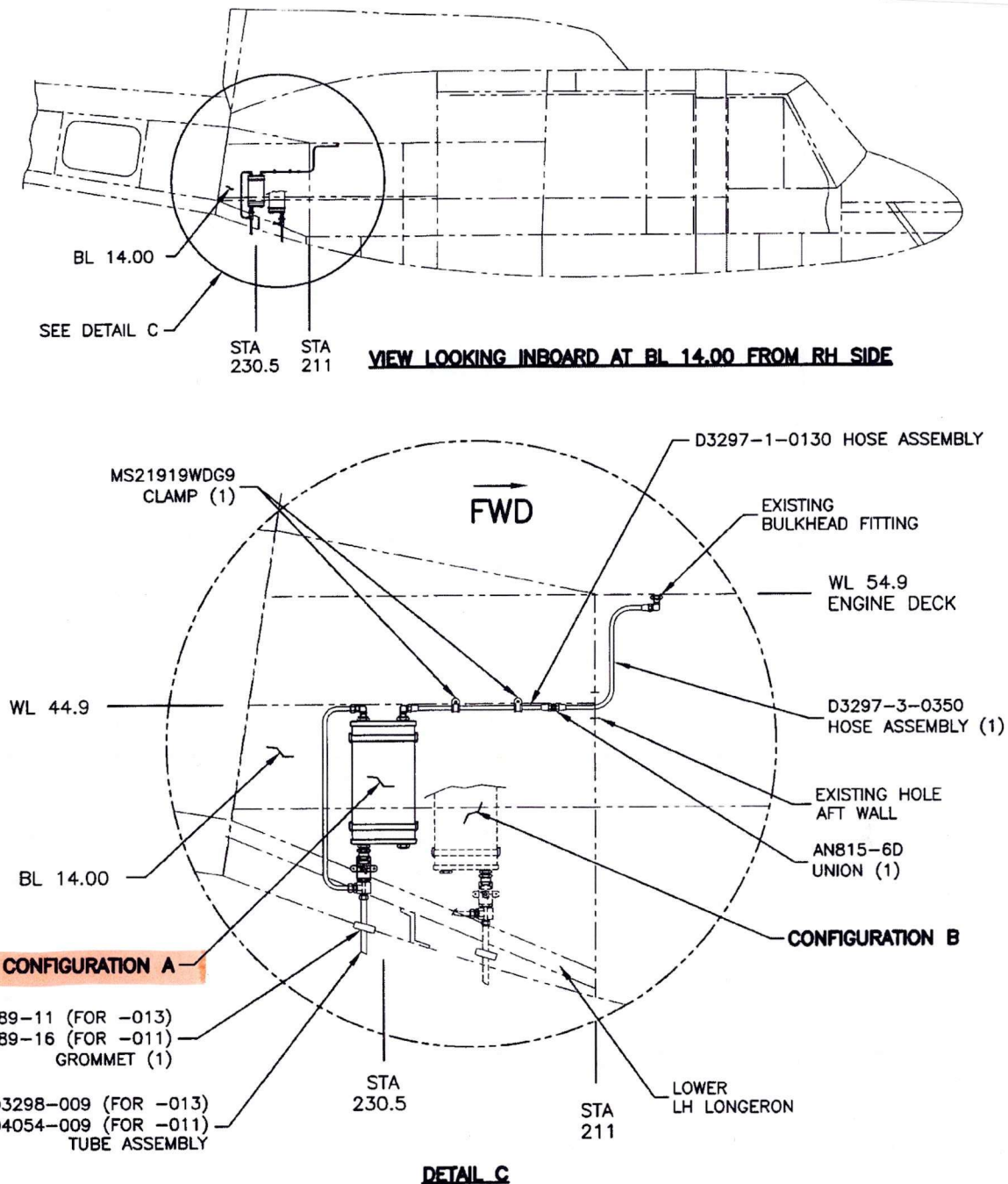
Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-706-011 (Configuration A)	5.0 lb	-8.5 in	-43 in lb	229 .5 in	1148 in lb
Fuel Purge Canister Installation	2.27 kg	-0.33 m	-0.7 m kg	9.04 m	20.5 m kg
D412-706-011 (Configuration B)	5.0 lb	-19.5 in	-98 in lb	222.5 in	1113 in lb
Fuel Purge Canister Installation	2.27 kg	-7.68 m	-17.4 m kg	8.76 m	19.9 m kg
D205-706-013 (Configuration A)	5.2 lb	-8.5 in	-44 in lb	229 .5 in	1193 in lb
Fuel Purge Canister Installation	2.36 kg	-0.33 m	-0.8 m kg	9.04 m	21.3 m kg
D205-706-013 (Configuration B)	5.2 lb	-19.5 in	-101 in lb	222.5 in	1157 in lb
Fuel Purge Canister Installation	2.36 kg	-7.68 m	-18.1 m kg	8.76 m	20.7 m kg
D204-706-015	5.6 lb	3.8 in	21 in lb	178.0 in	997 in lb
Fuel Purge Canister Installation	2.55 kg	0.15 m	0.4 m kg	7.00 m	17.9 m kg

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**

Date: 12.11.06



**Figure 2 – D205-706-013 Fuel Purge Canister Installation (D412-706-011 Similar)
(Configuration A shown)**

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**
Date: 12.11.06

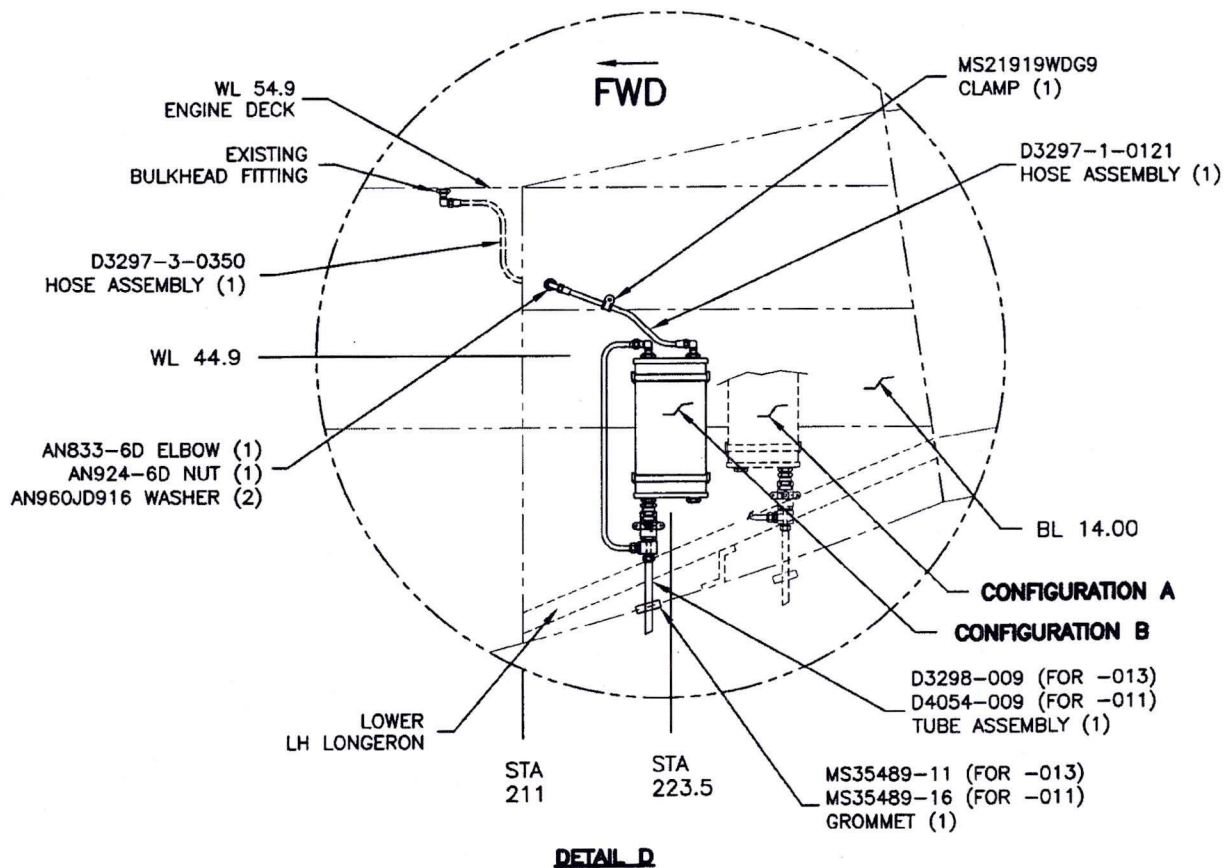
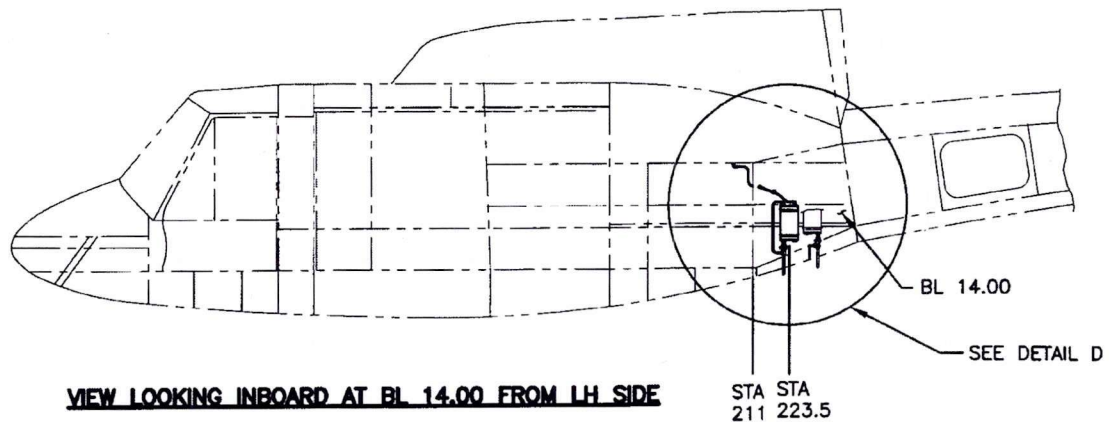
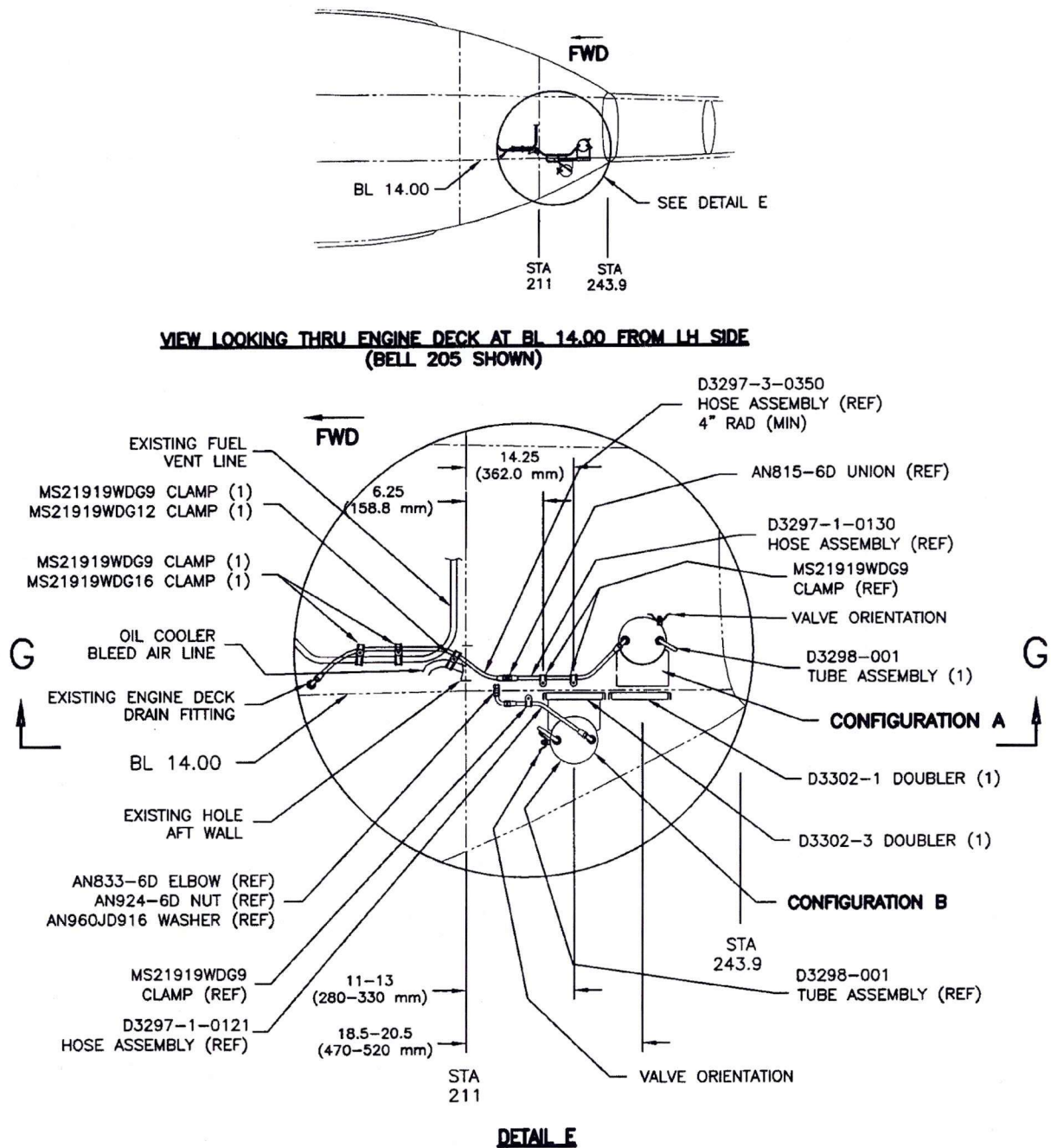


Figure 3 – D205-706-013 Fuel Purge Canister Installation (D412-706-011 Similar)
(Configuration B shown)

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

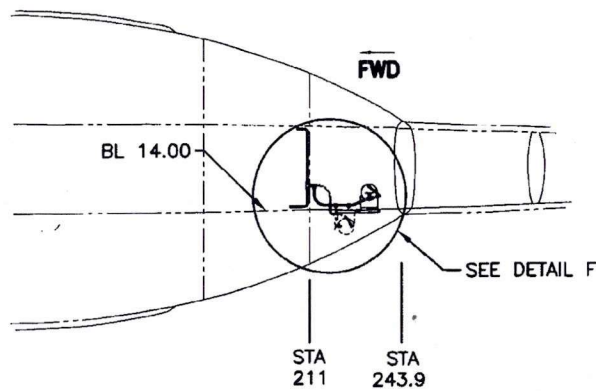
Revision: **B**
Date: 12.11.06



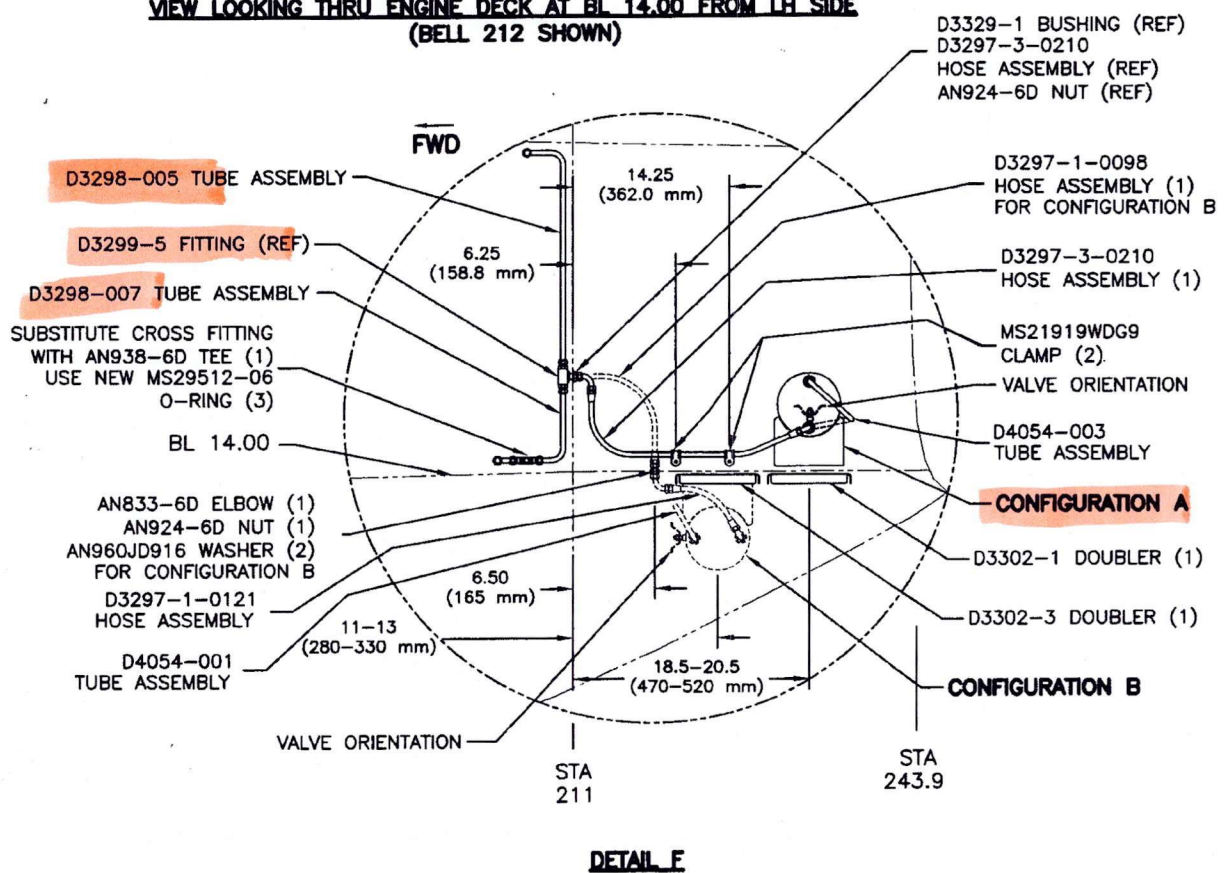
**Figure 4 – View Looking Down Thru Engine Deck at BL 14.00 From LH Side
D205-706-013 Fuel Purge Canister Installation.
(Configuration A & B shown)**

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**
Date: 12.11.06



**VIEW LOOKING THRU ENGINE DECK AT BL 14.00 FROM LH SIDE
(BELL 212 SHOWN)**



**Figure 5 – View Looking Down Thru Engine Deck at BL 14.00 From LH Side
D412-706-011 Fuel Purge Canister Installation.
(Configuration A & B shown)**

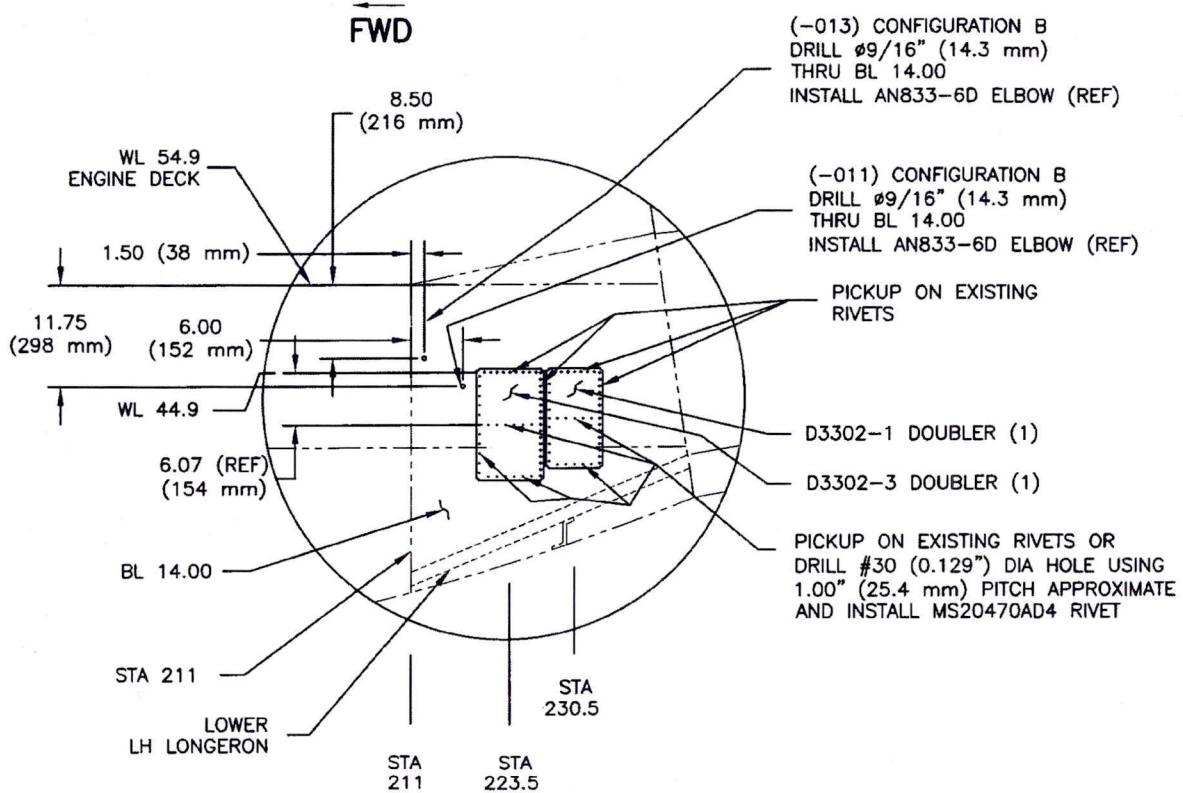


Figure 6 – Section G-G.
View Looking Inboard at BL 14.00 From LH Side
(-011/-013 Installations)

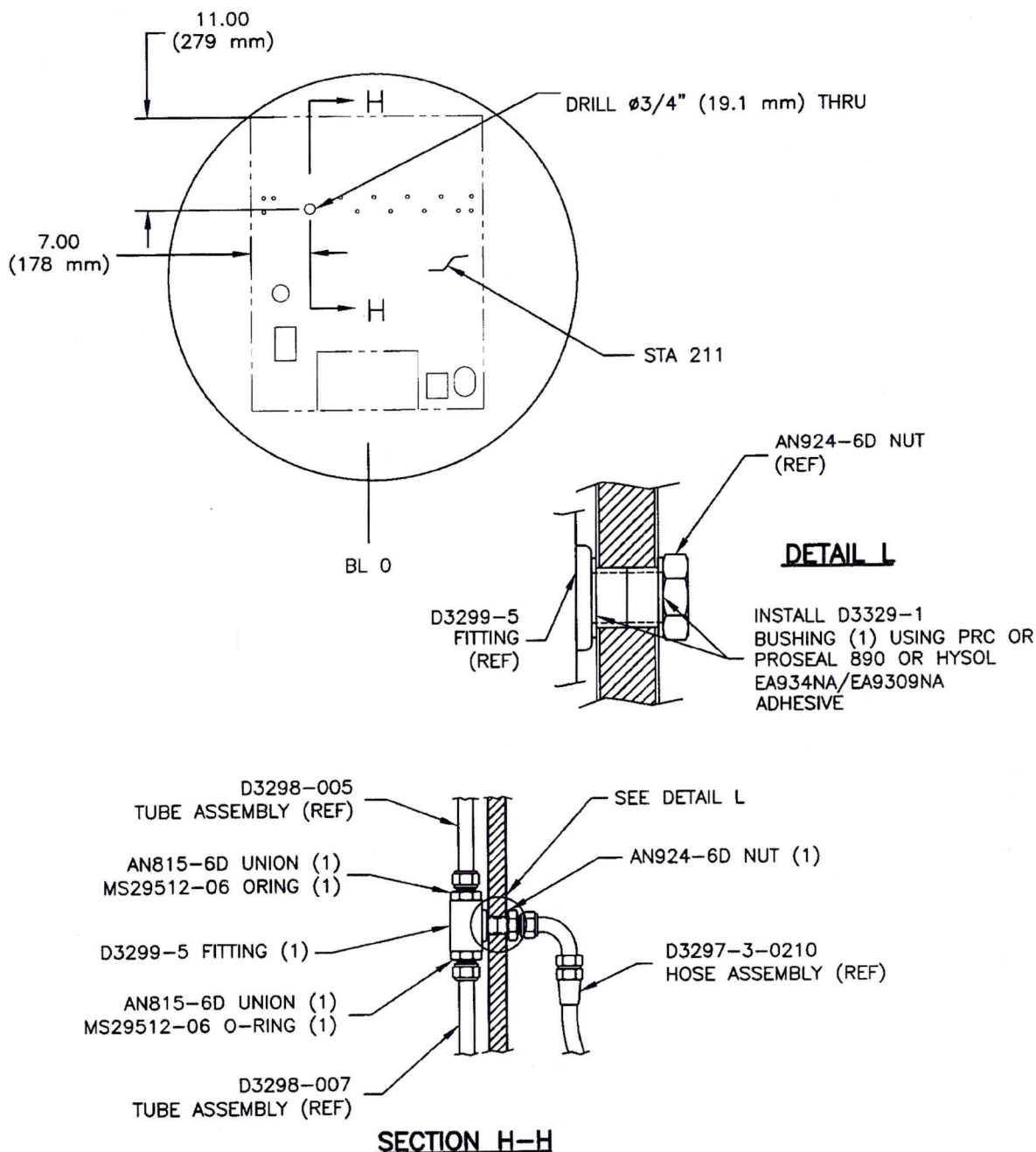


Figure 7 – View Looking FWD at STA 211
(-011 Installation Only)

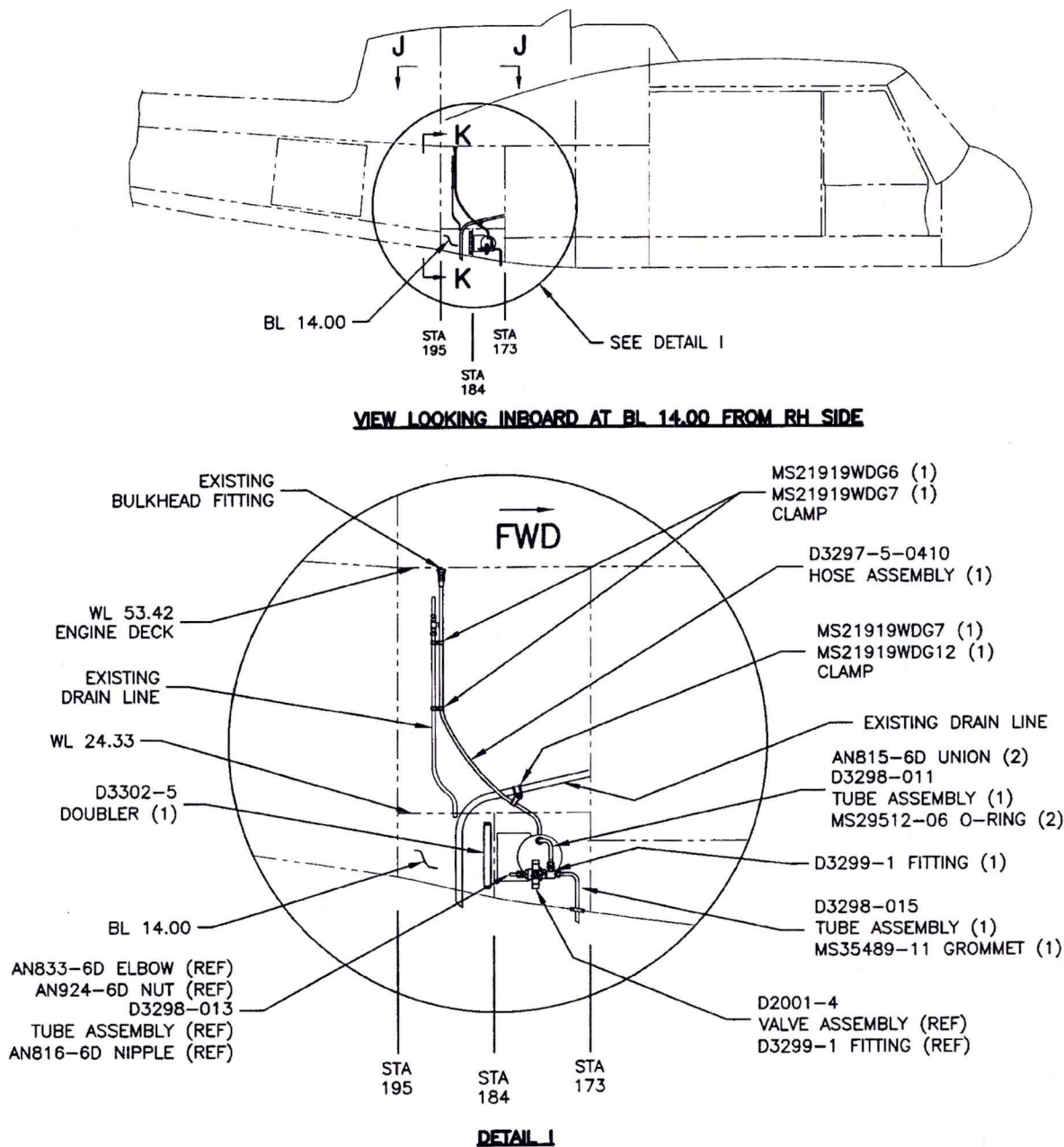
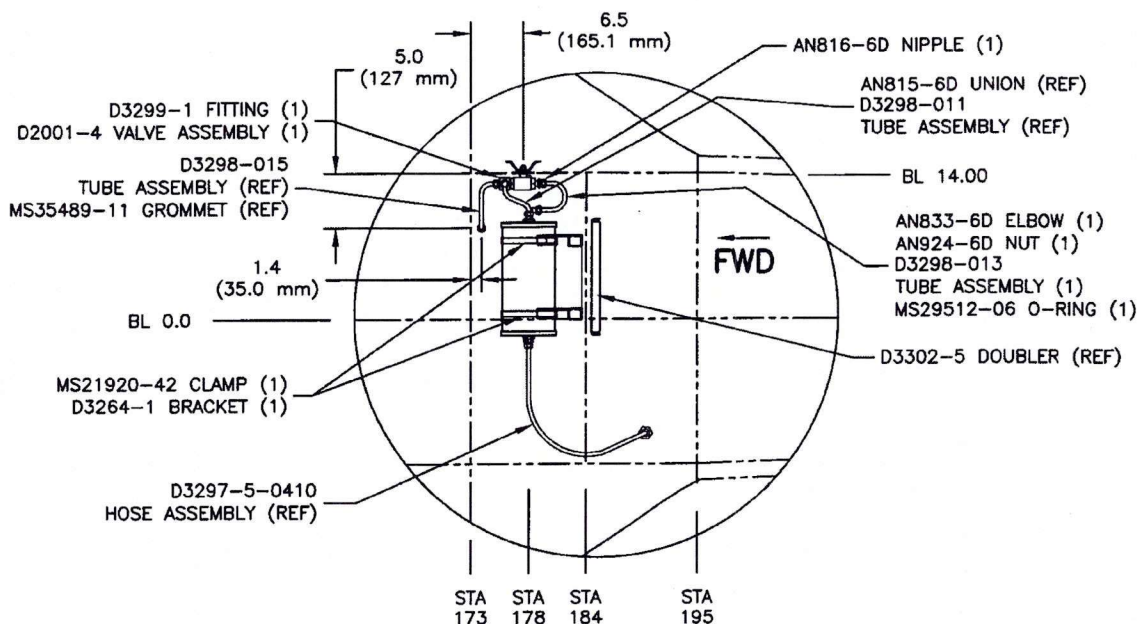
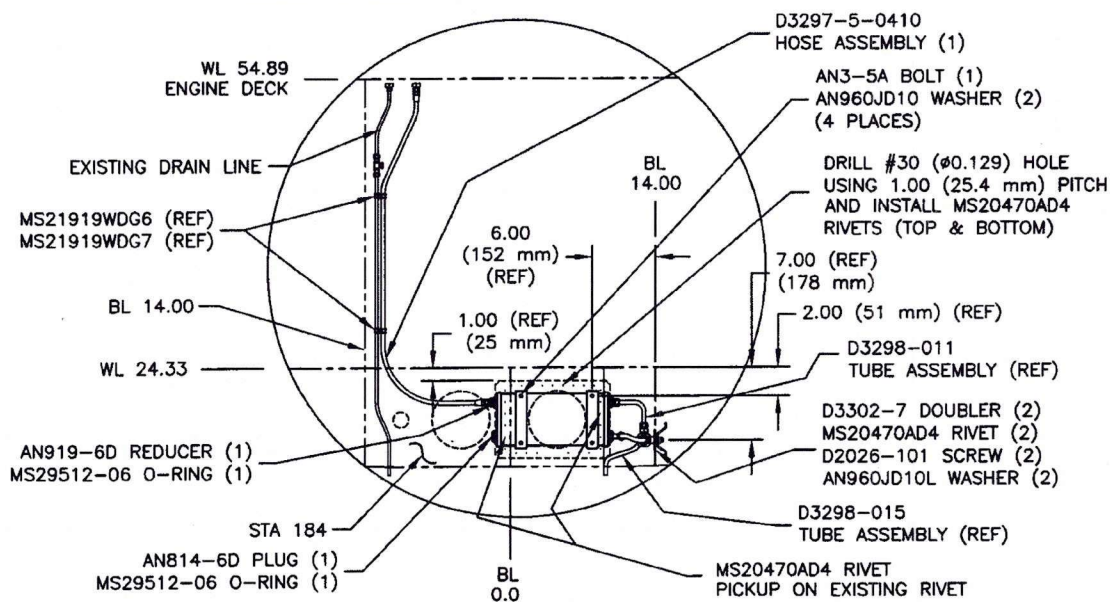


Figure 8 – View Looking Inboard at BL 14.00 from RH Side
D204-706-015 Fuel Purge Canister Installation

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**
 Date: 12.11.06

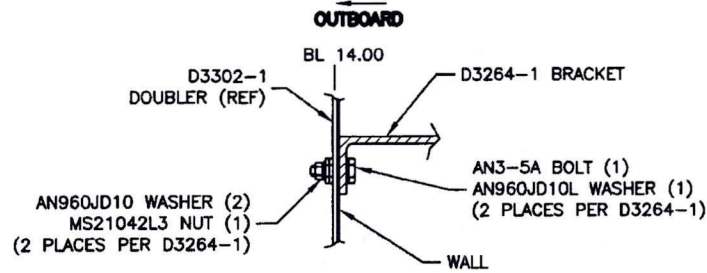
**SECTION J-J LOOKING THRU ENGINE DECK****SECTION K-K LOOKING FWD AT STA 184**

**Figure 9 – Section J-J & Section K-K
(-015 Fuel Purge Canister Installation)**

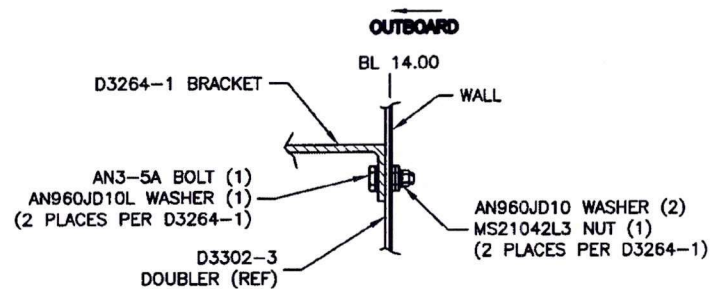
• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**

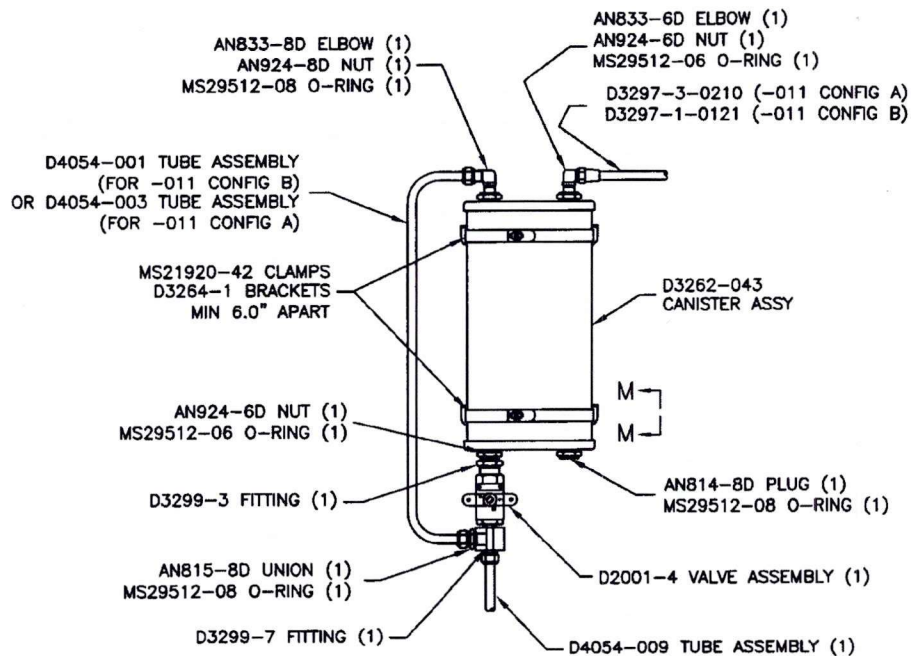
Date: 12.11.06



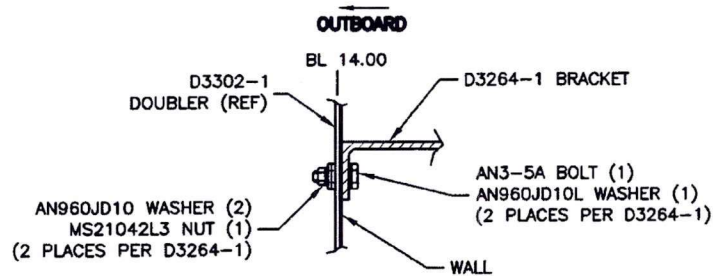
**SECTION M-M
(CONFIGURATION A)**



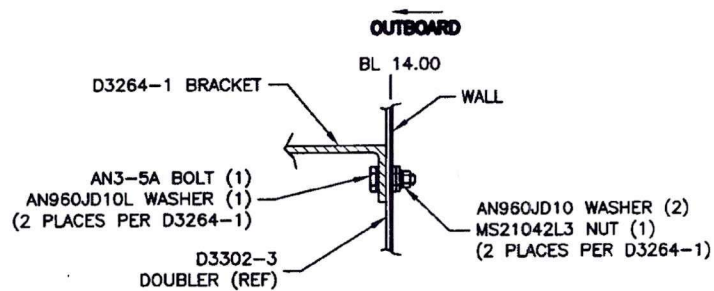
**SECTION M-M
(CONFIGURATION B)**



**Figure 10 – Canister Assembly
(-011 Installation)**



SECTION M-M
(CONFIGURATION A)



SECTION M-M
(CONFIGURATION B)

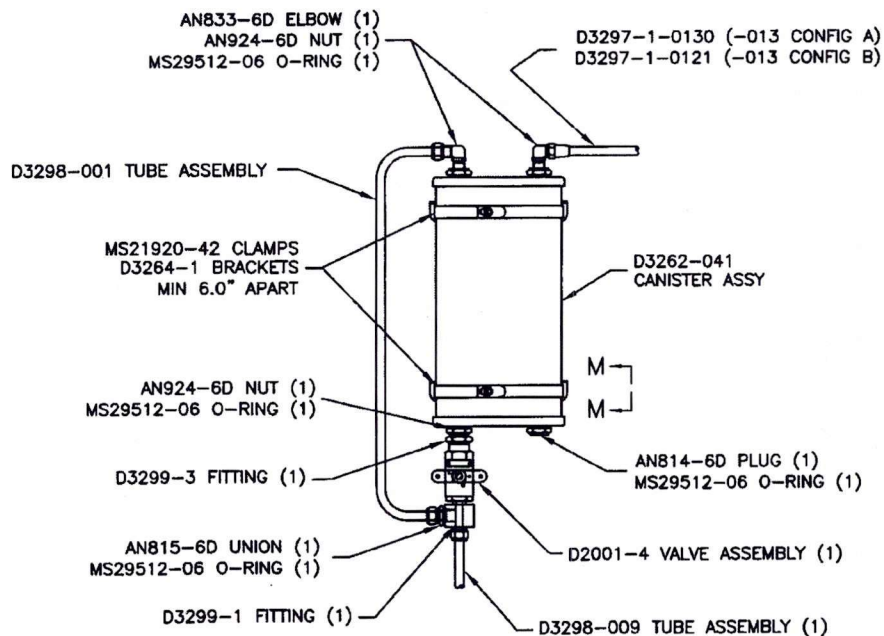


Figure 11 – Canister Assembly
(-013 Installation)

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**

Date: 12.11.06

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Part Number	Description
X			D412-706-011	FUEL PURGE CANISTER INSTALLATION (212/412)
	X		D205-706-013	FUEL PURGE CANISTER INSTALLATION (205/214/EAGLE SINGLE)
		X	D204-706-015	FUEL PURGE CANISTER INSTALLATION (204)
1	1	1	D2001-4	VALVE ASSEMBLY
		2	D2026-101	SCREW
	1	1	D3262-041	CANISTER ASSEMBLY
1			D3262-043	CANISTER ASSEMBLY
2	2	2	D3264-1	BRACKET
1			D3297-1-0098	HOSE ASSEMBLY
1	1		D3297-1-0121	HOSE ASSEMBLY
	1		D3297-1-0130	HOSE ASSEMBLY
1			D3297-3-0210	HOSE ASSEMBLY
	1		D3297-3-0350	HOSE ASSEMBLY
		1	D3297-5-0410	HOSE ASSEMBLY
	1		D3298-001	TUBE ASSEMBLY
1			D3298-005	TUBE ASSEMBLY
1			D3298-007	TUBE ASSEMBLY
	1		D3298-009	TUBE ASSEMBLY
		1	D3298-011	TUBE ASSEMBLY
		1	D3298-013	TUBE ASSEMBLY
		1	D3298-015	TUBE ASSEMBLY
	1	1	D3299-1	FITTING
1	1		D3299-3	FITTING
1			D3299-5	FITTING
1			D3299-7	FITTING
1	1	1	D3301-1	PLACARD
1	1	1	D3301-3	PLACARD
1	1		D3302-1	DOUBLER
1	1		D3302-3	DOUBLER
		1	D3302-5	DOUBLER
		2	D3302-7	DOUBLER
2			D3329-1	BUSHING
1			D4054-001	TUBE ASSEMBLY
1			D4054-003	TUBE ASSEMBLY
1			D4054-009	TUBE ASSEMBLY
4	4	4	AN3-5A	BOLT
	1	1	AN814-6D	PLUG
1			AN814-8D	PLUG
2	2	2	AN815-6D	UNION
1			AN815-8D	UNION
		1	AN816-6D	NIPPLE
2	3	1	AN833-6D	ELBOW

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B

Date: 12.11.06

Qty -011	Qty -013	Qty -015	Part Number	Description
1			AN833-8D	ELBOW
		1	AN919-6D	REDUCER
4	4	1	AN924-6D	NUT
1			AN924-8D	NUT
1			AN938-6D	TEE
4	4	2	AN960JD10L	WASHER
8	8	8	AN960JD10	WASHER
2	2		AN960JD916	WASHER
4	4	4	MS21042L3	NUT
	1	1	MS21919WDG12	CLAMP
	2		MS21919WDG16	CLAMP
		2	MS21919WDG6	CLAMP
		3	MS21919WDG7	CLAMP
2	5		MS21919WDG9	CLAMP
2	2	2	MS21920-42	CLAMP
7	5	5	MS29512-06	O-RING (OR M83248/1-906)
3			MS29512-08	O-RING (OR M83248/1-908)
	1	1	MS35489-11	GROMMET
1			MS35489-16	GROMMET

• COPYRIGHT © 2004 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: **B**

Date: 12.11.06